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Benefit cost ratios

Evaluating Disaster Mitigations: Methodology for Urban Infrastructure Systems. — Stephanie E. Chang; 4(4), 186-96 (2003).

Brazil

Geotechnical Aspects of Eroded Sediments Relevant to Tailings Disposal Design. — R. C. Gomes, L. F. M. Ribeiro, L. H. Albuquerque Filho, and C. H. Rezende; 4(2), 65-70 (2003).
Erosion Hazards Index for Lateritic Soils. — Cláudia de Sanctis Viana and Terezinha Cássia de Brito Galvão; 4(2), 82-9 (2003).

Buildings, residential

Hurricane Risks and Economic Viability of Strengthened Construction. — Mark G. Stewart, David V. Rosowsky, and Zhigang Huang; 4(1), 12-9 (2003).

Hurricane Mitigation Status and Factors Influencing Mitigation Status among Florida's Single-Family Homeowners. — Walter Gillis Peacock; 4(3), 149-58 (2003).

Bulgaria

Geometric Analysis of Geodetic Data for Investigation of 3D Landslide Deformations. — Tzenko Tzenkov and Slaveiko Gospodinov; 4(2), 78-81 (2003).

Calcareous soils

Volume Change Behavior of Arid Calcareous Soils. — Shahid Azam, Sahel N. Abduljawwad, and Omer S. B. Al-Amoudi; 4(2), 90-4 (2003).

Calcium sulfate

Volume Change Behavior of Arid Calcareous Soils. — Shahid Azam, Sahel N. Abduljawwad, and Omer S. B. Al-Amoudi; 4(2), 90-4 (2003).

Caribbean

Hurricane Vulnerability in Latin America and The Caribbean: Normalized Damage and Loss Potentials. — Roger A. Pielke, Jr., Jose Rubiera, Christopher Landsea, Mario L. Fernández, and Roberta Klein; 4(3), 101-14 (2003).

Channelization

Impact of River Channelization on Seismic Risk: Shelby County, Tennessee. — Roy Van Arsdale, Brian Waldron, Natasha Ramsey, Shane Parrish, and Rhonda Yates; 4(1), 2-11 (2003).

Community development

Beyond Semantics and the Immediate Postdisaster Period: Community Quality of Life as an Overarching Theme for Sustaining Collective Action. — Ann-Margaret Esnard; 4(3), 159-65 (2003).

Costs

Hurricane Risks and Economic Viability of Strengthened Construction. — Mark G. Stewart, David V. Rosowsky, and Zhigang Huang; 4(1), 12-9 (2003).

Cyclones

Exaggeration of Wind Conditions in Hurricane Floyd and Other Tropical Cyclones. — Peter R. Sparks; 4(1), 27-35 (2003).

Damage

Hurricane Risks and Economic Viability of Strengthened Construction. — Mark G. Stewart, David V. Rosowsky, and Zhigang Huang; 4(1), 12-9 (2003).

Hurricane Vulnerability in Latin America and The Caribbean: Normalized Damage and Loss Potentials. — Roger A. Pielke, Jr., Jose Rubiera, Christopher Landsea, Mario L. Fernández, and Roberta Klein; 4(3), 101-14 (2003).

Assessment of Risk due to Debris Flow Events. — Renata Archetti and Alberto Lamberti; 4(3), 115-25 (2003).

The Impact of Volcanic Eruptions During the 1990s. — Catherine Annen and Jean-Jacques Wagner; 4(4), 169-75 (2003).

Debris

Assessment of Risk due to Debris Flow Events. — Renata Archetti and Alberto Lamberti; 4(3), 115-25 (2003).

Decision support systems

Integrated Flood Risk Management in England and Wales. — Jim W. Hall, Ian C. Meadowcroft, Paul B. Sayers, and Mervyn E. Bramley; 4(3), 126-35 (2003).

Deformation

Geometric Analysis of Geodetic Data for Investigation of 3D Landslide Deformations. — Tzenko Tzenkov and Slaveiko Gospodinov; 4(2), 78-81 (2003).

Disaster relief

Prayer in Disaster: Case Study of Christian Clergy. — Jerry T. Mitchell; 4(1), 20-6 (2003).

Hurricane Mitigation Status and Factors Influencing Mitigation Status among Florida's Single-Family Homeowners. — Walter Gillis Peacock; 4(3), 149-58 (2003).

Disaster Management Plan for the State of Maharashtra, India: Evolutionary Process. — Krishna S. Vatsa and John Joseph; 4(4), 206-12 (2003).

Disasters

Beyond Semantics and the Immediate Postdisaster Period: Community Quality of Life as an Overarching Theme for Sustaining Collective Action. — Ann-Margaret Esnard; 4(3), 159-65 (2003).

The Impact of Volcanic Eruptions During the 1990s. — Catherine Annen and Jean-Jacques Wagner; 4(4), 169-75 (2003).

Assessing Community Impacts of Natural Disasters. — Michael K. Lindell and Carla S. Prater; 4(4), 176-85 (2003).

Evaluating Disaster Mitigations: Methodology for Urban Infrastructure Systems. — Stephanie E. Chang; 4(4), 186-96 (2003).

Earthquakes

Fuzzy Multicriteria Model for Postearthquake Land-Use Planning. — Serafim Opricovic and Gwo-Hsiung Tzeng; 4(2), 59-64 (2003).

Assessing Community Impacts of Natural Disasters. — Michael K. Lindell and Carla S. Prater; 4(4), 176-85 (2003).

Evaluating Disaster Mitigations: Methodology for Urban Infrastructure Systems. — Stephanie E. Chang; 4(4), 186-96 (2003).

Disaster Management Plan for the State of Maharashtra, India: Evolutionary Process. — Krishna S. Vatsa and John Joseph; 4(4), 206-12 (2003).

Ecology

River Ecology and Flood Hazard Mitigation. — Thomas A. Birkland, Raymond J. Burby, David Conrad, Hanna Cortner, and William K. Michener; 4(1), 46-54 (2003).

Electric power transmission

Electric Power Distribution System Performance in Carolina Hurricanes. — Rachel A. Davidson, Haibin Liu, Isaac K. Sarpong, Peter Sparks, and David V. Rosowsky; 4(1), 36-45 (2003).

Emergency services

Assessing Community Impacts of Natural Disasters. — Michael K. Lindell and Carla S. Prater; 4(4), 176-85 (2003).

Comprehensive Assessment of Hurricane Shelters: Lessons from Hurricane Georges. — John C. Pine, Brian D. Marx, Marc L. Levitan, and Daniel Wilkins; 4(4), 197-205 (2003).

Erosion

Erosion Hazards Index for Lateritic Soils. — Cláudia de Sanctis Viana and Terezinha Cássia de Brito Galvão; 4(2), 82-9 (2003).

Physical and Zeta Potential Characteristics of Erodible Lateritic Soils. — T. Cássia de Brito Galvão, Cláudia de Sanctis Viana, and Abidin Kaya; 4(2), 95-100 (2003).

Failure

Assessment of Risk due to Debris Flow Events. — Renata Archetti and Alberto Lamberti; 4(3), 115-25 (2003).

Flood damage

River Ecology and Flood Hazard Mitigation. — Thomas A. Birkland, Raymond J. Burby, David Conrad, Hanna Cortner, and William K. Michener; 4(1), 46-54 (2003).

Floods

River Ecology and Flood Hazard Mitigation. — Thomas A. Birkland, Raymond J. Burby, David Conrad, Hanna Cortner, and William K. Michener; 4(1), 46-54 (2003).

Integrated Flood Risk Management in England and Wales. — Jim W. Hall, Ian C. Meadowcroft, Paul B. Sayers, and Mervyn E. Bramley; 4(3), 126-35 (2003).

Assessing Community Impacts of Natural Disasters. — Michael K. Lindell and Carla S. Prater; 4(4), 176-85 (2003).

Florida

Hurricane Mitigation Status and Factors Influencing Mitigation Status among Florida's Single-Family Homeowners. — Walter Gillis Peacock; 4(3), 149-58 (2003).

Comprehensive Assessment of Hurricane Shelters: Lessons from Hurricane Georges. — John C. Pine, Brian D. Marx, Marc L. Levitan, and Daniel Wilkins; 4(4), 197-205 (2003).

Fuzzy set theory

Fuzzy Multicriteria Model for Postearthquake Land-Use Planning. — Serafim Opricovic and Gwo-Hshiung Tzeng; 4(2), 59-64 (2003).

Gas pipelines

Analytic Hierarchy Process Analyzes Risk of Operating Cross-Country Petroleum Pipelines in India. — Prasanta Kumar Dey; 4(4), 213-21 (2003).

Geometry

Geometric Analysis of Geodetic Data for Investigation of 3D Landslide Deformations. — Tzenko Tzenkov and Slaveiko Gospodinov; 4(2), 78-81 (2003).

Hazards

Erosion Hazards Index for Lateritic Soils. — Cláudia de Sanctis Viana and Terezinha Cássia de Brito Galvão; 4(2), 82-9 (2003).

Urban Hazard Mitigation: Creating Resilient Cities. — David R. Godschalk; 4(3), 136-43 (2003).

History

The Impact of Volcanic Eruptions During the 1990s. — Catherine Annen and Jean-Jacques Wagner; 4(4), 169-75 (2003).

Human factors

Prayer in Disaster: Case Study of Christian Clergy. — Jerry T. Mitchell; 4(1), 20-6 (2003).

Hurricanes

Hurricane Risks and Economic Viability of Strengthened Construction. — Mark G. Stewart, David V. Rosowsky, and Zhigang Huang; 4(1), 12-9 (2003).

Exaggeration of Wind Conditions in Hurricane Floyd and Other Tropical Cyclones. — Peter R. Sparks; 4(1), 27-35 (2003).

Electric Power Distribution System Performance in Carolina Hurricanes. — Rachel A. Davidson, Haibin Liu, Isaac K. Sarpong, Peter Sparks, and David V. Rosowsky; 4(1), 36-45 (2003).

Hurricane Vulnerability in Latin America and The Caribbean: Normalized Damage and Loss Potentials. — Roger A. Pielke, Jr., Jose Rubiera, Christopher Landsea, Mario L. Fernández, and Roberta Klein; 4(3), 101-14 (2003).

What Are Our Expectations, Objectives, and Performance Requirements for Wood Structures in High Wind Regions? — David Rosowsky and Scott Schiff; 4(3), 144-8 (2003).

Hurricane Mitigation Status and Factors Influencing Mitigation Status among Florida's Single-Family Homeowners. — Walter Gillis Peacock; 4(3), 149-58 (2003).

Assessing Community Impacts of Natural Disasters. — Michael K. Lindell and Carla S. Prater; 4(4), 176-85 (2003).

Comprehensive Assessment of Hurricane Shelters: Lessons from Hurricane Georges. — John C. Pine, Brian D. Marx, Marc L. Levitan, and Daniel Wilkins; 4(4), 197-205 (2003).

Impact

The Impact of Volcanic Eruptions During the 1990s. — Catherine Annen and Jean-Jacques Wagner; 4(4), 169-75 (2003).

India

Disaster Management Plan for the State of Maharashtra, India: Evolutionary Process. — Krishna S. Vatsa and Johny Joseph; 4(4), 206-12 (2003).

Infrastructure

Evaluating Disaster Mitigations: Methodology for Urban Infrastructure Systems. — Stephanie E. Chang; 4(4), 186-96 (2003).

Inspection

Analytic Hierarchy Process Analyzes Risk of Operating Cross-Country Petroleum Pipelines in India. — Prasanta Kumar Dey; 4(4), 213-21 (2003).

International factors

Disaster Management Plan for the State of Maharashtra, India: Evolutionary Process. — Krishna S. Vatsa and Johny Joseph; 4(4), 206-12 (2003).

Italy

Interpretation of Slope Movements Induced by Adjacent Large Landslide in Northern Italy. — Guido Gottardi and Laura Tonni; 4(2), 71-7 (2003).

Land usage

Fuzzy Multicriteria Model for Postearthquake Land-Use Planning. — Serafim Opricovic and Gwo-Hshiung Tzeng; 4(2), 59-64 (2003).

Landslides

Interpretation of Slope Movements Induced by Adjacent Large Landslide in Northern Italy. — Guido Gottardi and Laura Tonni; 4(2), 71-7 (2003).

Geometric Analysis of Geodetic Data for Investigation of 3D Landslide Deformations. — Tzenko Tzenkov and Slaveiko Gospodinov; 4(2), 78-81 (2003).

Erosion Hazards Index for Lateritic Soils. — Cláudia de Sanctis Viana and Terezinha Cássia de Brito Galvão; 4(2), 82-9 (2003).

Laterites

Erosion Hazards Index for Lateritic Soils. — Cláudia de Sanctis Viana and Terezinha Cássia de Brito Galvão; 4(2), 82-9 (2003).

Latin America

Hurricane Vulnerability in Latin America and The Caribbean: Normalized Damage and Loss Potentials. — Roger A. Pielke, Jr., Jose Rubiera, Christopher Landsea, Mario L. Fernández, and Roberta Klein; 4(3), 101-14 (2003).

Life cycle costs

Evaluating Disaster Mitigations: Methodology for Urban Infrastructure Systems. — Stephanie E. Chang; 4(4), 186-96 (2003).

Liquefaction

Impact of River Channelization on Seismic Risk: Shelby County, Tennessee. — Roy Van Arsdale, Brian Waldron, Natasha Ramsey, Shane Parrish, and Rhonda Yates; 4(1), 2-11 (2003).

Maintenance

Analytic Hierarchy Process Analyzes Risk of Operating Cross-Country Petroleum Pipelines in India. — Prasanta Kumar Dey; 4(4), 213-21 (2003).

Models

Fuzzy Multicriteria Model for Postearthquake Land-Use Planning. — Serafim Opricovic and Gwo-Hshiung Tzeng; 4(2), 59-64 (2003).

Analytic Hierarchy Process Analyzes Risk of Operating Cross-Country Petroleum Pipelines in India. — Prasanta Kumar Dey; 4(4), 213-21 (2003).

North Carolina

Electric Power Distribution System Performance in Carolina Hurricanes. — Rachel A. Davidson, Haibin Liu, Isaac K. Sarpong, Peter Sparks, and David V. Rosowsky; 4(1), 36-45 (2003).

Numerical analysis

Interpretation of Slope Movements Induced by Adjacent Large Landslide in Northern Italy. — Guido Gottardi and Laura Tonni; 4(2), 71-7 (2003).

Probability

Analytic Hierarchy Process Analyzes Risk of Operating Cross-Country Petroleum Pipelines in India. — Prasanta Kumar Dey; 4(4), 213-21 (2003).

Public information programs

Exaggeration of Wind Conditions in Hurricane Floyd and Other Tropical Cyclones. — Peter R. Sparks; 4(1), 27-35 (2003).

Rainfall

Erosion Hazards Index for Lateritic Soils. — Cláudia de Sanctis Viana and Terezinha Cássia de Brito Galvão; 4(2), 82-9 (2003).

Physical and Zeta Potential Characteristics of Erodible Lateritic Soils. — T. Cássia de Brito Galvão, Cláudia de Sanctis Viana, and Abidin Kaya; 4(2), 95-100 (2003).

Remedial action

Urban Hazard Mitigation: Creating Resilient Cities. — David R. Godschalk; 4(3), 136-43 (2003).

The Impact of Volcanic Eruptions During the 1990s. — Catherine Annen and Jean-Jacques Wagner; 4(4), 169-75 (2003).

Assessing Community Impacts of Natural Disasters. — Michael K. Lindell and Carla S. Prater; 4(4), 176-85 (2003).

Evaluating Disaster Mitigations: Methodology for Urban Infrastructure Systems. — Stephanie E. Chang; 4(4), 186-96 (2003).

Retrofitting

Hurricane Risks and Economic Viability of Strengthened Construction. — Mark G. Stewart, David V. Rosowsky, and Zhigang Huang; 4(1), 12-9 (2003).

Risk analysis

Hurricane Risks and Economic Viability of Strengthened Construction. — Mark G. Stewart, David V. Rosowsky, and Zhigang Huang; 4(1), 12-9 (2003).

Assessment of Risk due to Debris Flow Events. — Renata Archetti and Alberto Lamberti; 4(3), 115-25 (2003).

Risk management

Integrated Flood Risk Management in England and Wales. — Jim W. Hall, Ian C. Meadowcroft, Paul B. Sayers, and Mervyn E. Bramley; 4(3), 126-35 (2003).

Beyond Semantics and the Immediate Postdisaster Period: Community Quality of Life as an Overarching Theme for Sustaining Collective Action. — Ann-Margaret Esnard; 4(3), 159-65 (2003).

Analytic Hierarchy Process Analyzes Risk of Operating Cross-Country Petroleum Pipelines in India. — Prasanta Kumar Dey; 4(4), 213-21 (2003).

Rivers

Impact of River Channelization on Seismic Risk: Shelby County, Tennessee. — Roy Van Arsdale, Brian Waldron, Natasha Ramsey, Shane Parrish, and Rhonda Yates; 4(1), 2-11 (2003).

River Ecology and Flood Hazard Mitigation. — Thomas A. Birkland, Raymond J. Burby, David Conrad, Hanna Cortner, and William K. Michener; 4(1), 46-54 (2003).

Saudi Arabia

Volume Change Behavior of Arid Calcareous Soils. — Shahid Azam, Sahel N. Abduljawwad, and Omer S. B. Al-Amoudi; 4(2), 90-4 (2003).

Sediment deposits

Geotechnical Aspects of Eroded Sediments Relevant to Tailings Disposal Design. — R. C. Gomes, L. F. M. Ribeiro, L. H. Albuquerque Filho, and C. H. Rezende; 4(2), 65-70 (2003).

Seismic hazard

Impact of River Channelization on Seismic Risk: Shelby County, Tennessee. — Roy Van Arsdale, Brian Waldron, Natasha Ramsey, Shane Parrish, and Rhonda Yates; 4(1), 2-11 (2003).

Slope stability

Geotechnical Aspects of Eroded Sediments Relevant to Tailings Disposal Design. — R. C. Gomes, L. F. M. Ribeiro, L. H. Albuquerque Filho, and C. H. Rezende; 4(2), 65-70 (2003).

Interpretation of Slope Movements Induced by Adjacent Large Landslide in Northern Italy. — Guido Gottardi and Laura Tonni; 4(2), 71-7 (2003).

Social factors

Prayer in Disaster: Case Study of Christian Clergy. — Jerry T. Mitchell; 4(1), 20-6 (2003).

Social impact

Assessing Community Impacts of Natural Disasters. — Michael K. Lindell and Carla S. Prater; 4(4), 176-85 (2003).

Soils

Erosion Hazards Index for Lateritic Soils. — Cláudia de Sanctis Viana and Terezinha Cássia de Brito Galvão; 4(2), 82-9 (2003).

South Carolina

Prayer in Disaster: Case Study of Christian Clergy. — Jerry T. Mitchell; 4(1), 20-6 (2003).

Electric Power Distribution System Performance in Carolina Hurricanes. — Rachel A. Davidson, Haibin Liu, Isaac K. Sarpong, Peter Sparks, and David V. Rosowsky; 4(1), 36-45 (2003).

Structural materials

Geotechnical Aspects of Eroded Sediments Relevant to Tailings Disposal Design. — R. C. Gomes, L. F. M. Ribeiro, L. H. Albuquerque Filho, and C. H. Rezende; 4(2), 65-70 (2003).

Structural reliability

Comprehensive Assessment of Hurricane Shelters: Lessons from Hurricane Georges. — John C. Pine, Brian D. Marx, Marc L. Levitan, and Daniel Wilkins; 4(4), 197-205 (2003).

Tailing

Geotechnical Aspects of Eroded Sediments Relevant to Tailings Disposal Design. — R. C. Gomes, L. F. M. Ribeiro, L. H. Albuquerque Filho, and C. H. Rezende; 4(2), 65-70 (2003).

Tennessee

Impact of River Channelization on Seismic Risk: Shelby County, Tennessee. — Roy Van Arsdale, Brian Waldron, Natasha Ramsey, Shane Parrish, and Rhonda Yates; 4(1), 2-11 (2003).

Terrorism

Urban Hazard Mitigation: Creating Resilient Cities. — David R. Godschalk; 4(3), 136-43 (2003).

Timber construction

What Are Our Expectations, Objectives, and Performance Requirements for Wood Structures in High Wind Regions? — David Rosowsky and Scott Schiff; 4(3), 144-8 (2003).

Tropical soils

Physical and Zeta Potential Characteristics of Erodible Lateritic Soils. — T. Cássia de Brito Galvão, Cláudia de Sanctis Viana, and Abidin Kaya; 4(2), 95-100 (2003).

United Kingdom

Integrated Flood Risk Management in England and Wales. — Jim W. Hall, Ian C. Meadowcroft, Paul B. Sayers, and Mervyn E. Bramley; 4(3), 126-35 (2003).

United States

Exaggeration of Wind Conditions in Hurricane Floyd and Other Tropical Cyclones. — Peter R. Sparks; 4(1), 27-35 (2003).

Beyond Semantics and the Immediate Postdisaster Period: Community Quality of Life as an Overarching Theme for Sustaining Collective Action. — Ann-Margaret Esnard; 4(3), 159-65 (2003).

Urban areas

Urban Hazard Mitigation: Creating Resilient Cities. — David R. Godschalk; 4(3), 136-43 (2003).

Evaluating Disaster Mitigations: Methodology for Urban Infrastructure Systems. — Stephanie E. Chang; 4(4), 186-96 (2003).

Volcanoes

The Impact of Volcanic Eruptions During the 1990s. — Catherine Annen and Jean-Jacques Wagner; 4(4), 169-75 (2003).

Volume change

Volume Change Behavior of Arid Calcareous Soils. — Shahid Azam, Sahel N. Abduljawwad, and Omer S. B. Al-Amoudi; 4(2), 90-4 (2003).

Wind

What Are Our Expectations, Objectives, and Performance Requirements for Wood Structures in High Wind Regions? — David Rosowsky and Scott Schiff; 4(3), 144-8 (2003).

Wind speed

Exaggeration of Wind Conditions in Hurricane Floyd and Other Tropical Cyclones. — Peter R. Sparks; 4(1), 27-35 (2003).

Wooden structures

What Are Our Expectations, Objectives, and Performance Requirements for Wood Structures in High Wind Regions? — David Rosowsky and Scott Schiff; 4(3), 144-8 (2003).

Author Index

Abduljawwad, Sahel N.

Volume Change Behavior of Arid Calcareous Soils. — Shahid Azam, Sahel N. Abduljawwad, and Omer S. B. Al-Amoudi; 4(2), 90-4 (2003).

Al-Amoudi, Omer S. B.

Volume Change Behavior of Arid Calcareous Soils. — Shahid Azam, Sahel N. Abduljawwad, and Omer S. B. Al-Amoudi; 4(2), 90-4 (2003).

Albuquerque Filho, L. H.

Geotechnical Aspects of Eroded Sediments Relevant to Tailings Disposal Design. — R. C. Gomes, L. F. M. Ribeiro, L. H. Albuquerque Filho, and C. H. Rezende; 4(2), 65-70 (2003).

Annen, Catherine

The Impact of Volcanic Eruptions During the 1990s. — Catherine Annen and Jean-Jacques Wagner; 4(4), 169-75 (2003).

Archetti, Renata

Assessment of Risk due to Debris Flow Events. — Renata Archetti and Alberto Lamberti; 4(3), 115-25 (2003).

Azam, Shahid

Volume Change Behavior of Arid Calcareous Soils. — Shahid Azam, Sahel N. Abduljawwad, and Omer S. B. Al-Amoudi; 4(2), 90-4 (2003).

Birkland, Thomas A.

River Ecology and Flood Hazard Mitigation. — Thomas A. Birkland, Raymond J. Burby, David Conrad, Hanna Cortner, and William K. Michener; 4(1), 46-54 (2003).

Bramley, Mervyn E.

Integrated Flood Risk Management in England and Wales. — Jim W. Hall, Ian C. Meadowcroft, Paul B. Sayers, and Mervyn E. Bramley; 4(3), 126-35 (2003).

Burby, Raymond J.

River Ecology and Flood Hazard Mitigation. — Thomas A. Birkland, Raymond J. Burby, David Conrad, Hanna Cortner, and William K. Michener; 4(1), 46-54 (2003).

Cássia de Brito Galvão, T.

Physical and Zeta Potential Characteristics of Erodible Lateritic Soils. — T. Cássia de Brito Galvão, Cláudia de Sanctis Viana, and Abidin Kaya; 4(2), 95-100 (2003).

Cássia de Brito Galvão, Terezinha

Integrating Hazards Control into Sustainable Development Plans. — Hilary I. Inyang, Terezinha Cássia de Brito Galvão, and David T. Young; 4(2), 57-8 (2003).

Erosion Hazards Index for Lateritic Soils. — Cláudia de Sanctis Viana and Terezinha Cássia de Brito Galvão; 4(2), 82-9 (2003).

Chang, Stephanie E.

Evaluating Disaster Mitigations: Methodology for Urban Infrastructure Systems. — Stephanie E. Chang; 4(4), 186-96 (2003).

Conrad, David

River Ecology and Flood Hazard Mitigation. — Thomas A. Birkland, Raymond J. Burby, David Conrad, Hanna Cortner, and William K. Michener; 4(1), 46-54 (2003).

Cortner, Hanna

River Ecology and Flood Hazard Mitigation. — Thomas A. Birkland, Raymond J. Burby, David Conrad, Hanna Cortner, and William K. Michener; 4(1), 46-54 (2003).

Davidson, Rachel A.

Electric Power Distribution System Performance in Carolina Hurricanes. — Rachel A. Davidson, Haibin Liu, Isaac K. Sarpong, Peter Sparks, and David V. Rosowsky; 4(1), 36-45 (2003).

de Sanctis Viana, Cláudia

Erosion Hazards Index for Lateritic Soils. — Cláudia de Sanctis Viana and Terezinha Cássia de Brito Galvão; 4(2), 82-9 (2003).

Physical and Zeta Potential Characteristics of Erodible Lateritic Soils. — T. Cássia de Brito Galvão, Cláudia de Sanctis Viana, and Abidin Kaya; 4(2), 95-100 (2003).

Dey, Prasanta Kumar

Analytic Hierarchy Process Analyzes Risk of Operating Cross-Country Petroleum Pipelines in India. — Prasanta Kumar Dey; 4(4), 213-21 (2003).

Dynes, Russell R.

Review of *The Silver Lining: The Benefits of Natural Disasters* by Seth R. Reice. — Russell R. Dynes; 4(4), 222 (2003).

Esnard, Ann-Margaret

Beyond Semantics and the Immediate Postdisaster Period: Community Quality of Life as an Overarching Theme for Sustaining Collective Action. — Ann-Margaret Esnard; 4(3), 159-65 (2003).

Fernández, Mario L.

Hurricane Vulnerability in Latin America and The Caribbean: Normalized Damage and Loss Potentials. — Roger A. Pielke, Jr., Jose Rubiera, Christopher Landsea, Mario L. Fernández, and Roberta Klein; 4(3), 101-14 (2003).

Godschalk, David R.

Urban Hazard Mitigation: Creating Resilient Cities. — David R. Godschalk; 4(3), 136-43 (2003).

Gomes, R. C.

Geotechnical Aspects of Eroded Sediments Relevant to Tailings Disposal Design. — R. C. Gomes, L. F. M. Ribeiro, L. H. Albuquerque Filho, and C. H. Rezende; 4(2), 65-70 (2003).

Gospodinov, Slaveiko

Geometric Analysis of Geodetic Data for Investigation of 3D Landslide Deformations. — Tzenko Tzenkov and Slaveiko Gospodinov; 4(2), 78-81 (2003).

Gottardi, Guido

Interpretation of Slope Movements Induced by Adjacent Large Landslide in Northern Italy. — Guido Gottardi and Laura Tonni; 4(2), 71-7 (2003).

Hall, Jim W.

Integrated Flood Risk Management in England and Wales. — Jim W. Hall, Ian C. Meadowcroft, Paul B. Sayers, and Mervyn E. Bramley; 4(3), 126-35 (2003).

Huang, Zhigang

Hurricane Risks and Economic Viability of Strengthened Construction. — Mark G. Stewart, David V. Rosowsky, and Zhigang Huang; 4(1), 12-9 (2003).

Inyang, Hilary I.

Integrating Hazards Control into Sustainable Development Plans. — Hilary I. Inyang, Terezinha Cássia de Brito Galvão, and David T. Young; 4(2), 57-8 (2003).

Joseph, Johny

Disaster Management Plan for the State of Maharashtra, India: Evolutionary Process. — Krishna S. Vatsa and Johny Joseph; 4(4), 206-12 (2003).

Kaya, Abidin

Physical and Zeta Potential Characteristics of Erodible Lateritic Soils. — T. Cássia de Brito Galvão, Cláudia de Sanctis Viana, and Abidin Kaya; 4(2), 95-100 (2003).

Kendra, James M.

Review of *American Hazardscapes: The Regionalization of Hazards and Disasters* edited by Susan L. Cutter. — James M. Kendra; 4(4), 222-3 (2003).

Klein, Roberta

Hurricane Vulnerability in Latin America and The Caribbean: Normalized Damage and Loss Potentials. — Roger A. Pielke, Jr., Jose Rubiera, Christopher Landsea, Mario L. Fernández, and Roberta Klein; 4(3), 101-14 (2003).

Kling, Robert

Review of *Rational Decision-Making in the Preservation of Cultural Property* edited by N. S. Baer and R. Snickars. — Robert Kling; 4(4), 224 (2003).

Lamberti, Alberto

Assessment of Risk due to Debris Flow Events. — Renata Archetti and Alberto Lamberti; 4(3), 115-25 (2003).

Landsea, Christopher

Hurricane Vulnerability in Latin America and The Caribbean: Normalized Damage and Loss Potentials. — Roger A. Pielke, Jr., Jose Rubiera, Christopher Landsea, Mario L. Fernández, and Roberta Klein; 4(3), 101-14 (2003).

Leviton, Marc L.

Comprehensive Assessment of Hurricane Shelters: Lessons from Hurricane Georges. — John C. Pine, Brian D. Marx, Marc L. Levitan, and Daniel Wilkins; 4(4), 197-205 (2003).

Lindell, Michael K.

Assessing Community Impacts of Natural Disasters. — Michael K. Lindell and Carla S. Prater; 4(4), 176-85 (2003).

Liu, Haibin

Electric Power Distribution System Performance in Carolina Hurricanes. — Rachel A. Davidson, Haibin Liu, Isaac K. Sarpong, Peter Sparks, and David V. Rosowsky; 4(1), 36-45 (2003).

Marx, Brian D.

Comprehensive Assessment of Hurricane Shelters: Lessons from Hurricane Georges. — John C. Pine, Brian D. Marx, Marc L. Levitan, and Daniel Wilkins; 4(4), 197-205 (2003).

Meadowcroft, Ian C.

Integrated Flood Risk Management in England and Wales. — Jim W. Hall, Ian C. Meadowcroft, Paul B. Sayers, and Mervyn E. Bramley; 4(3), 126-35 (2003).

Michener, William K.

River Ecology and Flood Hazard Mitigation. — Thomas A. Birkland, Raymond J. Burby, David Conrad, Hanna Cortner, and William K. Michener; 4(1), 46-54 (2003).

Mitchell, Jerry T.

Prayer in Disaster: Case Study of Christian Clergy. — Jerry T. Mitchell; 4(1), 20-6 (2003).

Murria, Juan

Review of *Cartographies of Danger—Mapping Hazards in America* by Mark Monmonier. — Juan Murria; 4(1), 55 (2003).

Review of *Historia y Desastres en América Latina* by Virginia García Acosta. — Juan Murria; 4(1), 55-6 (2003).

Review of *Ground Water Contamination. Transport and Remediation*, 2nd Edition, by Philip B. Bedient, Hanadi S. Rifai, and Charles J. Newell. — Juan Murria; 4(3), 166 (2003).

Review of *Heavy Metals in the Environment: Using Wetlands for Their Removal* by Howard T. Odum et al. — Juan Murria; 4(3), 166 (2003).

Review of *Reducción de Desastres. Viviendo en Armonía con la Naturaleza* by Julio Kiroiwa (in Spanish). — Juan Murria; 4(3), 166-7 (2003).

Opricovic, Serafim

Fuzzy Multicriteria Model for Postearthquake Land-Use Planning. — Serafim Opricovic and Gwo-Hshiung Tzeng; 4(2), 59-64 (2003).

Parrish, Shane

Impact of River Channelization on Seismic Risk: Shelby County, Tennessee. — Roy Van Arsdale, Brian Waldron, Natasha Ramsey, Shane Parrish, and Rhonda Yates; 4(1), 2-11 (2003).

Peacock, Walter Gillis

Hurricane Mitigation Status and Factors Influencing Mitigation Status among Florida's Single-Family Homeowners. — Walter Gillis Peacock; 4(3), 149-58 (2003).

Pielke, Roger A., Jr.

Hurricane Vulnerability in Latin America and The Caribbean: Normalized Damage and Loss Potentials. — Roger A. Pielke, Jr., Jose Rubiera, Christopher Landsea, Mario L. Fernández, and Roberta Klein; 4(3), 101-14 (2003).

Pine, John C.

Comprehensive Assessment of Hurricane Shelters: Lessons from Hurricane Georges. — John C. Pine, Brian D. Marx, Marc L. Levitan, and Daniel Wilkins; 4(4), 197-205 (2003).

Prater, Carla S.

Assessing Community Impacts of Natural Disasters. — Michael K. Lindell and Carla S. Prater; 4(4), 176-85 (2003).

Ramsey, Natasha

Impact of River Channelization on Seismic Risk: Shelby County, Tennessee. — Roy Van Arsdale, Brian Waldron, Natasha Ramsey, Shane Parrish, and Rhonda Yates; 4(1), 2-11 (2003).

Rezende, C. H.

Geotechnical Aspects of Eroded Sediments Relevant to Tailings Disposal Design. — R. C. Gomes, L. F. M. Ribeiro, L. H. Albuquerque Filho, and C. H. Rezende; 4(2), 65-70 (2003).

Ribeiro, L. F. M.

Geotechnical Aspects of Eroded Sediments Relevant to Tailings Disposal Design. — R. C. Gomes, L. F. M. Ribeiro, L. H. Albuquerque Filho, and C. H. Rezende; 4(2), 65-70 (2003).

Rosowsky, David

What Are Our Expectations, Objectives, and Performance Requirements for Wood Structures in High Wind Regions? — David Rosowsky and Scott Schiff; 4(3), 144-8 (2003).

Rosowsky, David V.

Hurricane Risks and Economic Viability of Strengthened Construction. — Mark G. Stewart, David V. Rosowsky, and Zhigang Huang; 4(1), 12-9 (2003).

Electric Power Distribution System Performance in Carolina Hurricanes. — Rachel A. Davidson, Haibin Liu, Isaac K. Sarpong, Peter Sparks, and David V. Rosowsky; 4(1), 36-45 (2003).

Rubiera, Jose

Hurricane Vulnerability in Latin America and The Caribbean: Normalized Damage and Loss Potentials. — Roger A. Pielke, Jr., Jose Rubiera, Christopher Landsea, Mario L. Fernández, and Roberta Klein; 4(3), 101-14 (2003).

Sarpong, Isaac K.

Electric Power Distribution System Performance in Carolina Hurricanes. — Rachel A. Davidson, Haibin Liu, Isaac K. Sarpong, Peter Sparks, and David V. Rosowsky; 4(1), 36-45 (2003).

Sayers, Paul B.

Integrated Flood Risk Management in England and Wales. — Jim W. Hall, Ian C. Meadowcroft, Paul B. Sayers, and Mervyn E. Bramley; 4(3), 126-35 (2003).

Schiff, Scott

What Are Our Expectations, Objectives, and Performance Requirements for Wood Structures in High Wind Regions? — David Rosowsky and Scott Schiff; 4(3), 144-8 (2003).

Sparks, Peter

Electric Power Distribution System Performance in Carolina Hurricanes. — Rachel A. Davidson, Haibin Liu, Isaac K. Sarpong, Peter Sparks, and David V. Rosowsky; 4(1), 36-45 (2003).

Sparks, Peter R.

Exaggeration of Wind Conditions in Hurricane Floyd and Other Tropical Cyclones. — Peter R. Sparks; 4(1), 27-35 (2003).

Stewart, Mark G.

Hurricane Risks and Economic Viability of Strengthened Construction. — Mark G. Stewart, David V. Rosowsky, and Zhigang Huang; 4(1), 12-9 (2003).

Tonni, Laura

Interpretation of Slope Movements Induced by Adjacent Large Landslide in Northern Italy. — Guido Gottardi and Laura Tonni; 4(2), 71-7 (2003).

Tzeng, Gwo-Hshiung

Fuzzy Multicriteria Model for Postearthquake Land-Use Planning. — Serafim Opricovic and Gwo-Hshiung Tzeng; 4(2), 59-64 (2003).

Tzenkov, Tzenko

Geometric Analysis of Geodetic Data for Investigation of 3D Landslide Deformations. — Tzenko Tzenkov and Slaveiko Gospodinov; 4(2), 78-81 (2003).

Van Arsdale, Roy

Impact of River Channelization on Seismic Risk: Shelby County, Tennessee. — Roy Van Arsdale, Brian Waldron, Natasha Ramsey, Shane Parrish, and Rhonda Yates; 4(1), 2-11 (2003).

Vatsa, Krishna S.

Disaster Management Plan for the State of Maharashtra, India: Evolutionary Process. — Krishna S. Vatsa and Johny Joseph; 4(4), 206-12 (2003).

Wagner, Jean-Jacques

The Impact of Volcanic Eruptions During the 1990s. — Catherine Annen and Jean-Jacques Wagner; 4(4), 169-75 (2003).

Waldron, Brian

Impact of River Channelization on Seismic Risk: Shelby County, Tennessee. — Roy Van Arsdale, Brian Waldron, Natasha Ramsey, Shane Parrish, and Rhonda Yates; 4(1), 2-11 (2003).

Wilkins, Daniel

Comprehensive Assessment of Hurricane Shelters: Lessons from Hurricane Georges. — John C. Pine, Brian D. Marx, Marc L. Levitan, and Daniel Wilkins; 4(4), 197-205 (2003).

Yates, Rhonda

Impact of River Channelization on Seismic Risk: Shelby County, Tennessee. — Roy Van Arsdale, Brian Waldron, Natasha Ramsey, Shane Parrish, and Rhonda Yates; 4(1), 2-11 (2003).

Young, David T.

Integrating Hazards Control into Sustainable Development Plans. — Hilary I. Inyang, Terezinha Cássia de Brito Galvão, and David T. Young; 4(2), 57-8 (2003).



